

**A REQUEST FOR PROPOSAL
FOR
PERSONAL SERVICES CONTRACT**

Department of Highways
Professional Services Procurement Bulletin 2011-06
Perry KY 476/Owsley CR-1136

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

- A. County – Perry
Route – KY 476
Item No. – 10-1087.00
Project Description – Replace Bridge on KY 476 (MP 18.37) over Troublesome Creek; .05 mile south of junction with KY 267.

- B. County – Owsley
Route – CR-1136
Item No. – 10-1093.00
Project Description – Replace Bridge on CR-1136 (Hacker Branch Rd) (MP 0.437); 4 miles east of junction with KY-11.

II. PROJECT INFORMATION

Project Manager – Darren Back
User Division – Highway Design

- A. 10-1087.00
Approximate Fee – \$255,000 Roadway and Structure Design. (Lump Sum Fee)
Project Funding – Federal Funds (BRO)
Project Length – approximately .2 miles

- B. 10-1093.00
Approximate Fee – \$195,000 Roadway and Structure Design. (Lump Sum Fee)
Project Funding – Federal Funds (BRZ)
Project Length – approximately .1 miles

III. PURPOSE AND NEED

- A. (10-1087.00) – The purpose of this bridge replacement project is to replace the 82 year old, 3-span (159' total length) Concrete T-Beam Bridge (B00008N) with an asphalt overlay and approaches on KY-476 over Troublesome Creek approximately .05 miles south of the junction with KY-267 in order to provide a safe, reliable roadway for those wanting to access Hazard, KY via KY 80 or Jackson, KY via KY 15. This project is needed because the

structure has been classified as Structurally Deficient. The approaching roadway and structure width is 19 feet wide curb-to-curb. The asphaltic concrete deck was added without a Reflective Crack Suppression Membrane and is heavily broken at the joints. Deck drains are completely covered by asphalt overlay. Simple Reinforced Concrete Deck Girder spans have been shifted by freeze/thaw cycles and are out of line by 3.5" – 4" and the joints have failed completely. The girders have spalling beneath the drain openings and hairline cracking is widespread on all girders. The sufficiency rating is currently shown as 32.2.

- B. (10-1093.00) – The purpose of this project is to replace a 48 year old, 8-span (129' total length) Steel Stringer Bridge with a wooden deck on CR-1136 (Hacker Branch Rd) over the South Fork of the Kentucky River approximately .4 miles east of the junction with KY-11 in order to provide a safe, reliable roadway for those traveling Hacker Branch Rd. This project is needed because the structure has been classified as Structurally Deficient. The structure is approx. 11' wide while the adjacent roadway width is approx. 9'. The timber deck is uneven due to settlement of some piers. The steel beams have been moved by the side pressure of high water and debris. Scour has caused instability of substructure. The sufficiency Rating is currently shown as 15.8.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

The selected consultant will be required to conduct preliminary engineering studies to identify appropriate typical section, utility impacts, line and grade, and dependable cost estimate. The environmental document at this time is expected to be CE Level 1 which will be done by the Department.

The selected consultant will be required to provide engineering services to perform Phase II roadway design; including drainage design; right-of-way plans, construction plans, traffic control plans and cost estimates and structure design.

VI. SPECIAL INSTRUCTIONS

One (1) Consultant will be selected to provide services for both projects A & B.

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

http://transportation.ky.gov/progperform/instructions_for_response_to_kentucky_transportation_cabinet_6-9-09.pdf

VII. AVAILABLE STUDIES

None

VIII. METHOD OF DESIGN

The Selected Consultant shall utilize the current CADD Standards for Highway Plans (version 3)

policy in the development of the highway plans.

IX. PHOTOGRAMMETRIC SERVICES

Photogrammetry is not required. Conventional survey methods will be provided by the Department.

X. ENVIRONMENTAL

The Department will provide any necessary Environmental Services. The environmental document at this time is expected to be a CE Level 1 for both projects.

XI. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XII. STRUCTURE DESIGN

The selected consultant shall do the necessary Engineering Services to submit to the KYTC Advanced Situation Folders for the applicable structures. The Structure Design will be performed by the Consultant. Structure Design Services may be added to the contract by contract modification. Prequalification in the area of structure design is required to be identified in the Consultant's Response to Announcement.

XIII. TRAFFIC

Traffic projections and related information will be provided by the Department.

XIV. PREQUALIFICATION REQUIREMENTS

To respond to this project, the project team must be prequalified in the following areas by the date of this advertisement.

ROADWAY DESIGN

- [Rural Roadway Design <\\$250,000](#)

STRUCTURE DESIGN

- [Spans under 500 feet](#)

XV. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

RESPONSE DATE • Wednesday, January 19, 2011 4:30 p.m. E.S.T. (Frankfort time)

SELECTION COMMITTEE • February 9, 2011

PRE-DESIGN CONFERENCE • February 23, 2011

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • March 2, 2011

CONTRACT NEGOTIATIONS • March 16, 2011

NOTICE TO PROCEED • May 1, 2011

XVI. PROJECT SCHEDULE

Project schedule may be adjusted during the pre-design conference or contract negotiations.

PRELIMINARY LINE AND GRADE • August 1, 2011

JOINT INSPECTION • December 1, 2011

RIGHT-OF-WAY UTILITY PLANS • January 1, 2011

FINAL PLANS • July 1, 2012

XVII. EVALUATION FACTORS

1. Relative experience of consultant personnel assigned to project team with highway projects for KYTC and/or federal, local or other state governmental agencies. (10 points)
2. Capacity to comply with project schedule. (10 points)
3. Past record of performance on project of similar type and complexity. (10 points)
4. Project approach and proposed procedures to accomplish the services for the project. (10 points)
5. Consultant's offices where work is to be performed. (2 points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XVIII. SELECTION COMMITTEE MEMBERS

1. Corbett Caudill, PE, User Division
2. Keith Caudill, PE, User Division
3. Deanna Miller, PE, Secretary's Pool
4. Boday Borres, PE, Secretary's Pool
5. Howard Cruse, PE, Governor's Pool

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